

EXHIBIT E.2

(12) **United States Patent**
Schiller



(10) Patent No.: **US 8,085,297 B2**
(45) Date of Patent: **Dec. 27, 2011**

(54) **METHOD FOR MODIFYING A USER INTERFACE OF A CONSUMER ELECTRONIC APPARATUS, CORRESPONDING APPARATUS, SIGNAL AND DATA CARRIER**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 3465 days.

(21) Appl. No.: **10/145,291**

(22) Filed: **May 14, 2002**

(65) **Prior Publication Data**

US 2002/0174432 A1 Nov. 21, 2002

(51) **Int. Cl.**
H04N 7/00 (2011.01)

(52) **U.S. Cl.** **348/114; 725/37; 725/52; 725/152**
(58) **Field of Classification Search** **725/24; 725/50, 51**

See application file for complete search history.

(56) **References Cited**

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(57) **ABSTRACT**

According to the invention a user interface of a consumer electronic apparatus is modified, which can be used for example to update a given basic UI functionality or to temporarily implement isolated, dedicated UI sub-domains. For this purpose side information is received comprising side information components for controlling the user interface and validity information defining the validity start and/or end time of the side information components. The side information components and validity information is stored and the user interface is modified by using said stored side information components. The start time and/or end time of the user interface modification is controlled by means of said stored validity information.

17 Claims, 1 Drawing Sheet

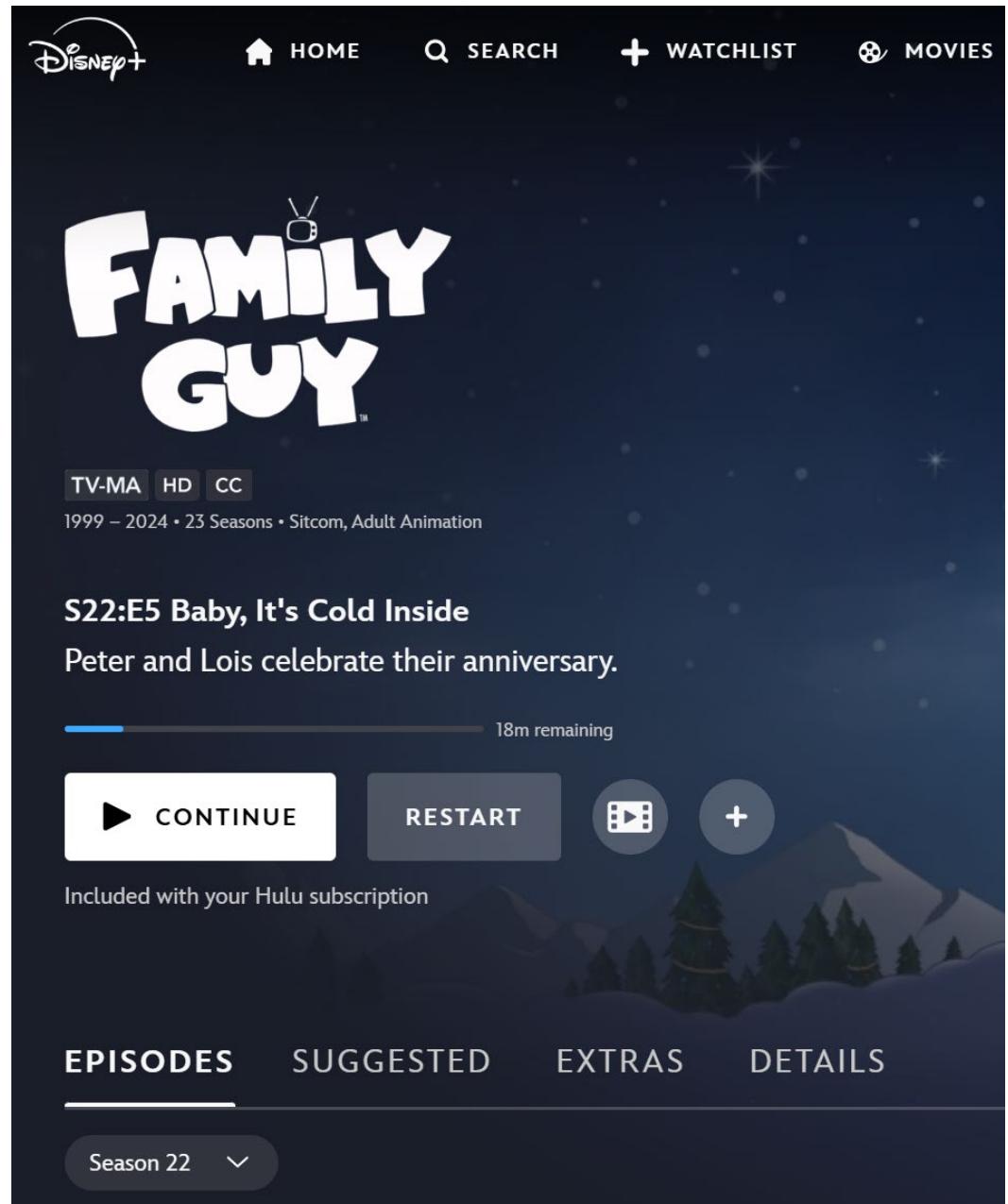
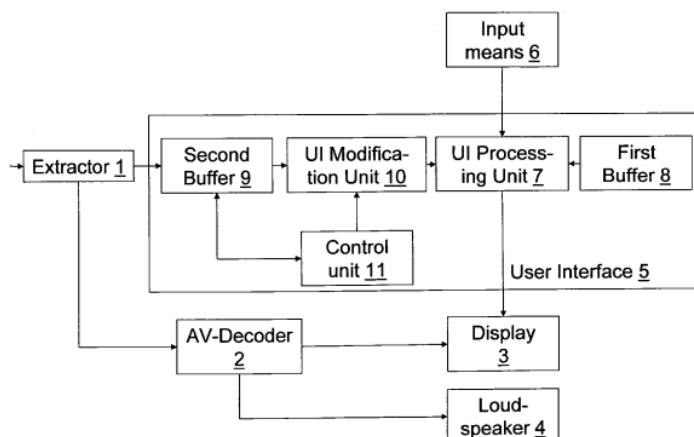


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CLAIM	PUBLIC DOCUMENTATION
1[pre] A method for modifying a user interface of a consumer electronic apparatus, said user interface controlling an interaction between a user and said consumer electronics apparatus, characterized by	<p>The Disney Accused Instrumentalities perform a method for modifying a user interface of a consumer electronic apparatus, said user interface controlling an interaction between a user and said consumer electronics apparatus, characterized by limitations 1[a]-1[d] of this chart. For example, the Disney Accused Instrumentalities' user interface is modified through the "Skip Intro" functionality as well as other user interface functionalities.</p> <p>The following evidence in limitations 1[a]-1[d] provide evidence of features supported by the Disney+ user interface on a Windows PC running the Google Chrome browser. These features are universal to the user interface of all Disney Accused Instrumentalities, including those using other devices, browsers, and/or applications.</p>
1[a] receiving side information comprising side information components for modifying a functionality of said user interface and validity information defining a validity of said side information components;	<p>The Disney Accused Instrumentalities perform a method characterized by receiving side information comprising side information components for modifying a functionality of said user interface and validity information defining a validity of said side information components. For example, the Disney Accused Instrumentalities' user interface is modified through the "Skip Intro" functionality as well as other user interface functionalities.</p> <p>For example, side information components for modifying a functionality of said user interface and validity information defining a validity of said side information components are received as evidenced by the "Skip Intro" button, which lasts during the "Intro" portion of the episode.</p>

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CLAIM	PUBLIC DOCUMENTATION
	 A screenshot of a television screen displaying the FOX network logo. The logo is a large, stylized blue 'FOX' wordmark with a background of a repeating 'FOX' pattern. The screen has a black border and includes standard video player controls at the bottom: a playhead at 0:01, a progress bar, and buttons for play, pause, and volume. The top left corner shows the 'Family Guy' logo and episode information: 'S22:E5 Baby, It's Cold Inside' and 'Included with your Hulu subscription'. The top right corner shows a small video thumbnail and the time 21:38.
	 A screenshot of a television screen showing Lois Griffin from the animated show 'Family Guy'. She is in the foreground, wearing a green button-down shirt and smiling. Behind her is a living room interior with a blue wall, a staircase, and a stereo system. The screen has a black border and includes standard video player controls at the bottom: a playhead at 0:01, a progress bar, and buttons for play, pause, and volume. The top left corner shows the 'Family Guy' logo and episode information: 'S22:E5 Baby, It's Cold Inside' and 'Included with your Hulu subscription'. The top right corner shows a 'SKIP INTRO' button and the time 21:35.

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CLAIM	PUBLIC DOCUMENTATION
	 A screenshot of the Family Guy intro screen. The title 'FAMILY GUY' is prominently displayed in large, blue, block letters. A small television set is perched on top of the letter 'I'. Below the title are standard video player controls (rewind, play, fast forward) and a 'SKIP INTRO' button. The background is a solid red. In the top left corner, it says 'Family Guy' and 'S22E5 Baby, It's Cold Inside'. In the top right corner, it says 'Included with your Hulu subscription'. The bottom right corner shows a timestamp '21:07'.
	 A screenshot of a Family Guy exterior scene. It shows a yellow two-story house with a red door and a small conservatory. A red car is parked in front. The background features a city skyline with several skyscrapers. In the foreground, text reads 'Executive Producer' and 'Seth MacFarlane'. The bottom right corner shows a timestamp '21:06'.

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CLAIM	PUBLIC DOCUMENTATION
1[b] storing said side information components and said validity information;	<p>The Disney Accused Instrumentalities perform a method characterized by storing said side information components and said validity information. For example, the Disney Accused Instrumentalities' user interface is modified through the "Skip Intro" functionality as well as other user interface functionalities.</p> <p>For example, said side information components and said validity information are stored as evidenced by the "Skip Intro" button, which lasts during the "Intro" portion of the episode, appearing and disappearing during episode playback in a Google Chrome window.</p> 

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	 A screenshot of a video player showing the Family Guy intro. The scene is set in the Griffin living room, featuring Lois Griffin in the foreground. The video player interface includes a 'SKIP INTRO' button in the top right, a progress bar at the bottom, and a timestamp of 2:35.
	 A screenshot of a video player showing the Family Guy title card. The title 'FAMILY GUY' is displayed in large, stylized blue letters against a red background. A small television set is mounted on the letter 'I'. The video player interface includes a 'SKIP INTRO' button in the top right, a progress bar at the bottom, and a timestamp of 2:07.

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1[c] modifying a way in which said user can provide input into said user interface by using said stored side information components; and	<p>The Disney Accused Instrumentalities perform a method characterized by modifying a way in which said user can provide input into said user interface by using said stored side information components. For example, the Disney Accused Instrumentalities' user interface is modified through the "Skip Intro" functionality as well as other user interface functionalities.</p> <p>For example, there is a modification of a way in which said user can provide input into said user interface by using said stored side information components as evidenced by the "Skip Intro" button only being available at certain times.</p>

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1[d] controlling a start time and/or an end time of said user	
1[d] controlling a start time and/or an end time of said user	The Disney Accused Instrumentalities perform a method characterized by controlling a start time and/or an end time of said user interface modification by means of said stored validity information. For example, the Disney

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interface modification by means of said stored validity information.	<p>Accused Instrumentalities' user interface is modified through the "Skip Intro" functionality as well as other user interface functionalities.</p> <p>For example, a start time and an end time of said user interface modification are controlled by means of said stored validity information as evidenced by the "Skip Intro" button only being available at certain times.</p> 

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	 A screenshot of a Family Guy intro. Lois Griffin is in the foreground, smiling. The background shows the interior of the Griffin house with Peter, Meg, and Stewie. A 'SKIP INTRO' button is in the bottom right corner. The video player interface shows a progress bar, volume, and time (2:35).
	 A screenshot of the Family Guy title card. The title 'FAMILY GUY' is written in large, blue, 3D-style letters. A small television set is on top of the letter 'I'. The background is a gradient from red to black. A 'SKIP INTRO' button is in the bottom right corner. The video player interface shows a progress bar, volume, and time (2:07).

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CLAIM	PUBLIC DOCUMENTATION